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UNITED STATES DEPARTMENT OF AGRICULTURE
RURAL UTILITIES SERVICE

BORROWER DESIGNATION
MI0037

FINANCIAL AND OPERATING REPORT
ELECTRIC DISTRIBUTION

PERIOD ENDED December, 2018 (Prepared with Audited Data)

INSTRUCTIONS - See help in the online application.

BORROWER NAME
Thumb Electric Cooperative of Michigan

This information is analyzed and used to determine the submitter's financial situation and feasibility for loans and guarantees. You are required by contract and applicable regulations to provide the information. The information provided is subject to the Freedom of Information Act (5 U.S.C. 552)

CERTIFICATION

We recognize that statements contained herein concern a matter within the jurisdiction of an agency of the United States and the making of a false, fictitious or fraudulent statement may render the maker subject to prosecution under Title 18, United States Code Section 1001.

We hereby certify that the entries in this report are in accordance with the accounts and other records of the system and reflect the status of the system to the best of our knowledge and belief.

ALL INSURANCE REQUIRED BY PART 1788 OF 7 CFR CHAPTER XVII, RUS, WAS IN FORCE DURING THE REPORTING PERIOD AND RENEWALS HAVE BEEN OBTAINED FOR ALL POLICIES DURING THE PERIOD COVERED BY THIS REPORT PURSUANT TO PART 1718 OF 7 CFR CHAPTER XVII

(check one of the following)

All of the obligations under the RUS loan documents have been fulfilled in all material respects.

There has been a default in the fulfillment of the obligations under the RUS loan documents. Said default(s) is/are specifically described in Part D of this report.

Dallas Bran

3-25-19
DATE

PART A. STATEMENT OF OPERATIONS

ITEM	YEAR-TO-DATE			THIS MONTH (d)
	LAST YEAR (a)	THIS YEAR (b)	BUDGET (c)	
1. Operating Revenue and Patronage Capital	20,861,514	22,111,309	21,693,968	1,859,772
2. Power Production Expense	71,486	90,957	67,273	8,628
3. Cost of Purchased Power	9,905,621	10,337,312	10,051,338	852,382
4. Transmission Expense	260,627	104,975	285,700	3,862
5. Regional Market Expense				
6. Distribution Expense - Operation	599,148	707,152	608,530	67,123
7. Distribution Expense - Maintenance	2,586,428	2,500,325	2,490,825	160,542
8. Customer Accounts Expense	661,553	680,162	781,380	7,683
9. Customer Service and Informational Expense	405,881	446,921	456,239	37,838
10. Sales Expense				
11. Administrative and General Expense	1,018,956	1,056,475	1,005,204	82,225
12. Total Operation & Maintenance Expense (2 thru 11)	15,509,700	15,924,279	15,746,489	1,220,283
13. Depreciation and Amortization Expense	2,274,063	2,609,102	2,451,225	479,059
14. Tax Expense - Property & Gross Receipts	830,216	875,816	884,100	65,578
15. Tax Expense - Other				
16. Interest on Long-Term Debt	1,486,201	1,435,813	1,438,043	133,203
17. Interest Charged to Construction - Credit				
18. Interest Expense - Other	60,329	84,414	62,755	6,581
19. Other Deductions				
20. Total Cost of Electric Service (12 thru 19)	20,160,509	20,929,424	20,582,612	1,904,704
21. Patronage Capital & Operating Margins (1 minus 20)	701,005	1,181,885	1,111,356	(44,932)
22. Non Operating Margins - Interest	58,032	74,592	44,280	8,112
23. Allowance for Funds Used During Construction				
24. Income (Loss) from Equity Investments	159,092	122,789	99,175	(5,066)
25. Non Operating Margins - Other	42,579	88,307	40,560	1,008
26. Generation and Transmission Capital Credits				
27. Other Capital Credits and Patronage Dividends	99,416	103,715	105,000	9,211
28. Extraordinary Items				
29. Patronage Capital or Margins (21 thru 28)	1,060,124	1,571,288	1,400,371	(31,667)

UNITED STATES DEPARTMENT OF AGRICULTURE RURAL UTILITIES SERVICE FINANCIAL AND OPERATING REPORT ELECTRIC DISTRIBUTION	BORROWER DESIGNATION MI0037
INSTRUCTIONS - See help in the online application.	PERIOD ENDED December, 2018

PART B. DATA ON TRANSMISSION AND DISTRIBUTION PLANT

ITEM	YEAR-TO-DATE		ITEM	YEAR-TO-DATE	
	LAST YEAR (a)	THIS YEAR (b)		LAST YEAR (a)	THIS YEAR (b)
1. New Services Connected	50	52	5. Miles Transmission	140.80	140.80
2. Services Retired	43	52	6. Miles Distribution – Overhead	1,981.58	1,979.91
3. Total Services in Place	12,776	12,792	7. Miles Distribution - Underground	19.78	20.10
4. Idle Services (Exclude Seasonals)	544	537	8. Total Miles Energized (5 + 6 + 7)	2,142.16	2,140.81

PART C. BALANCE SHEET

ASSETS AND OTHER DEBITS		LIABILITIES AND OTHER CREDITS	
1. Total Utility Plant in Service	95,893,826	30. Memberships	180,305
2. Construction Work in Progress	4,096,702	31. Patronage Capital	21,538,030
3. Total Utility Plant (1 + 2)	99,990,528	32. Operating Margins - Prior Years	0
4. Accum. Provision for Depreciation and Amort.	30,760,964	33. Operating Margins - Current Year	1,181,885
5. Net Utility Plant (3 - 4)	69,229,564	34. Non-Operating Margins	389,403
6. Non-Utility Property (Net)	98,053	35. Other Margins and Equities	2,303,455
7. Investments in Subsidiary Companies	1,945,906	36. Total Margins & Equities (30 thru 35)	25,593,078
8. Invest. in Assoc. Org. - Patronage Capital	861,197	37. Long-Term Debt - RUS (Net)	0
9. Invest. in Assoc. Org. - Other - General Funds	0	38. Long-Term Debt - FFB - RUS Guaranteed	31,991,616
10. Invest. in Assoc. Org. - Other - Nongeneral Funds	745,196	39. Long-Term Debt - Other - RUS Guaranteed	0
11. Investments in Economic Development Projects	0	40. Long-Term Debt Other (Net)	12,686,420
12. Other Investments	100,328	41. Long-Term Debt - RUS - Econ. Devel. (Net)	0
13. Special Funds	581,707	42. Payments – Unapplied	556,070
14. Total Other Property & Investments (6 thru 13)	4,332,387	43. Total Long-Term Debt (37 thru 41 - 42)	44,121,966
15. Cash - General Funds	89,813	44. Obligations Under Capital Leases - Noncurrent	0
16. Cash - Construction Funds - Trustee	0	45. Accumulated Operating Provisions and Asset Retirement Obligations	0
17. Special Deposits	0	46. Total Other Noncurrent Liabilities (44 + 45)	0
18. Temporary Investments	0	47. Notes Payable	2,400,000
19. Notes Receivable (Net)	0	48. Accounts Payable	2,254,262
20. Accounts Receivable - Sales of Energy (Net)	2,975,188	49. Consumers Deposits	192,462
21. Accounts Receivable - Other (Net)	249,077	50. Current Maturities Long-Term Debt	2,183,582
22. Renewable Energy Credits	0	51. Current Maturities Long-Term Debt - Economic Development	0
23. Materials and Supplies - Electric & Other	1,021,221	52. Current Maturities Capital Leases	0
24. Prepayments	337,116	53. Other Current and Accrued Liabilities	1,220,174
25. Other Current and Accrued Assets	8,842	54. Total Current & Accrued Liabilities (47 thru 53)	8,250,480
26. Total Current and Accrued Assets (15 thru 25)	4,681,257	55. Regulatory Liabilities	150,000
27. Regulatory Assets	0	56. Other Deferred Credits	127,684
28. Other Deferred Debits	0	57. Total Liabilities and Other Credits (36 + 43 + 46 + 54 thru 56)	78,243,208
29. Total Assets and Other Debits (5+14+26 thru 28)	78,243,208		

<p style="text-align: center;">UNITED STATES DEPARTMENT OF AGRICULTURE RURAL UTILITIES SERVICE</p> <p style="text-align: center;">FINANCIAL AND OPERATING REPORT ELECTRIC DISTRIBUTION</p>	<p>BORROWER DESIGNATION</p> <p style="text-align: center;">MI0037</p>
<p>INSTRUCTIONS - See help in the online application.</p>	<p>PERIOD ENDED</p> <p style="text-align: center;">December, 2018</p>
<p>PART D. NOTES TO FINANCIAL STATEMENTS</p>	

<p style="text-align: center;">UNITED STATES DEPARTMENT OF AGRICULTURE RURAL UTILITIES SERVICE</p> <p style="text-align: center;">FINANCIAL AND OPERATING REPORT ELECTRIC DISTRIBUTION</p>	<p>BORROWER DESIGNATION</p> <p style="text-align: center;">MI0037</p>
<p>INSTRUCTIONS - See help in the online application.</p>	<p>PERIOD ENDED</p> <p style="text-align: center;">December, 2018</p>
<p>PART D. CERTIFICATION LOAN DEFAULT NOTES</p>	

UNITED STATES DEPARTMENT OF AGRICULTURE RURAL UTILITIES SERVICE FINANCIAL AND OPERATING REPORT ELECTRIC DISTRIBUTION	BORROWER DESIGNATION MI0037
	PERIOD ENDED December, 2018

INSTRUCTIONS - See help in the online application.

PART E. CHANGES IN UTILITY PLANT

PLANT ITEM	BALANCE BEGINNING OF YEAR (a)	ADDITIONS (b)	RETIREMENTS (c)	ADJUSTMENTS AND TRANSFERS (d)	BALANCE END OF YEAR (e)
1. Distribution Plant	68,200,909	3,193,380	795,614		70,598,675
2. General Plant	5,061,613	110,289	54,262		5,117,640
3. Headquarters Plant	1,287,777	768			1,288,545
4. Intangibles	834				834
5. Transmission Plant	10,107,088	277,982	71,818		10,313,252
6. Regional Transmission and Market Operation Plant					
7. All Other Utility Plant	8,574,871	9			8,574,880
8. Total Utility Plant in Service (1 thru 7)	93,233,092	3,582,428	921,694		95,893,826
9. Construction Work in Progress	2,711,206	1,385,496			4,096,702
10. Total Utility Plant (8 + 9)	95,944,298	4,967,924	921,694		99,990,528

PART F. MATERIALS AND SUPPLIES

ITEM	BALANCE BEGINNING OF YEAR (a)	PURCHASED (b)	SALVAGED (c)	USED (NET) (d)	SOLD (e)	ADJUSTMENT (f)	BALANCE END OF YEAR (g)
1. Electric	913,141	855,166	8,964	800,432	3,764	(15,840)	957,235
2. Other	40,400	82,326			59,229	489	63,986

PART G. SERVICE INTERRUPTIONS

ITEM	AVERAGE MINUTES PER CONSUMER BY CAUSE					TOTAL (e)
	POWER SUPPLIER (a)	MAJOR EVENT (b)	PLANNED (c)	ALL OTHER (d)		
1. Present Year	0.000	258.256	2.975	213.441	474.672	
2. Five-Year Average	0.000	301.174	1.542	191.836	494.552	

PART H. EMPLOYEE-HOUR AND PAYROLL STATISTICS

1. Number of Full Time Employees	29	4. Payroll - Expensed	1,532,233
2. Employee - Hours Worked - Regular Time	62,563	5. Payroll - Capitalized	945,725
3. Employee - Hours Worked - Overtime	6,352	6. Payroll - Other	675,012

PART I. PATRONAGE CAPITAL

ITEM	DESCRIPTION	THIS YEAR (a)	CUMULATIVE (b)
1. Capital Credits - Distributions	a. General Retirements	543,307	5,389,691
	b. Special Retirements	380,953	4,682,553
	c. Total Retirements (a + b)	924,260	10,072,244
2. Capital Credits - Received	a. Cash Received From Retirement of Patronage Capital by Suppliers of Electric Power	0	
	b. Cash Received From Retirement of Patronage Capital by Lenders for Credit Extended to the Electric System	22,586	
	c. Total Cash Received (a + b)	22,586	

PART J. DUE FROM CONSUMERS FOR ELECTRIC SERVICE

1. Amount Due Over 60 Days	\$ 104,234	2. Amount Written Off During Year	\$ 40,669
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ENERGY EFFICIENCY AND CONSERVATION LOAN PROGRAM

1. Anticipated Loan Delinquency %	0	4. Anticipated Loan Default %	0
2. Actual Loan Delinquency %	0	5. Actual Loan Default %	0
3. Total Loan Delinquency Dollars YTD	\$ 0	6. Total Loan Default Dollars YTD	\$ 0

UNITED STATES DEPARTMENT OF AGRICULTURE RURAL UTILITIES SERVICE FINANCIAL AND OPERATING REPORT ELECTRIC DISTRIBUTION	BORROWER DESIGNATION MI0037
INSTRUCTIONS - See help in the online application	PERIOD ENDED December, 2018

PART K. kWh PURCHASED AND TOTAL COST

No	ITEM	SUPPLIER CODE	RENEWABLE ENERGY PROGRAM NAME	RENEWABLE FUEL TYPE	kWh PURCHASED	TOTAL COST	AVERAGE COST (Cents/kWh)	INCLUDED IN TOTAL COST - FUEL COST ADJUSTMENT	INCLUDED IN TOTAL COST - WHEELING AND OTHER CHARGES
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1	CMS Marketing, Serv & Trade Co	3991			189,597,427	10,337,312	5.45		1,257,415
	Total				189,597,427	10,337,312	5.45		1,257,415

UNITED STATES DEPARTMENT OF AGRICULTURE RURAL UTILITIES SERVICE FINANCIAL AND OPERATING REPORT ELECTRIC DISTRIBUTION		BORROWER DESIGNATION MI0037
INSTRUCTIONS - See help in the online application		PERIOD ENDED December, 2018
PART K. kWh PURCHASED AND TOTAL COST		
No	Comments	
1		

UNITED STATES DEPARTMENT OF AGRICULTURE RURAL UTILITIES SERVICE FINANCIAL AND OPERATING REPORT ELECTRIC DISTRIBUTION		BORROWER DESIGNATION MI0037	
INSTRUCTIONS - See help in the online application.		PERIOD ENDED December, 2018	
PART L. LONG-TERM LEASES			
No	NAME OF LESSOR (a)	TYPE OF PROPERTY (b)	RENTAL THIS YEAR (c)
	TOTAL		

UNITED STATES DEPARTMENT OF AGRICULTURE RURAL UTILITIES SERVICE FINANCIAL AND OPERATING REPORT ELECTRIC DISTRIBUTION		BORROWER DESIGNATION MI0037	
INSTRUCTIONS - See help in the online application.		PERIOD ENDED December, 2018	
PART M. ANNUAL MEETING AND BOARD DATA			
1. Date of Last Annual Meeting 6/9/2018	2. Total Number of Members 12,229	3. Number of Members Present at Meeting 233	4. Was Quorum Present? Y
5. Number of Members Voting by Proxy or Mail 34	6. Total Number of Board Members 9	7. Total Amount of Fees and Expenses for Board Members \$ 69,038	8. Does Manager Have Written Contract? Y

RUS Financial and Operating Report Electric Distribution

Revision Date 2014

UNITED STATES DEPARTMENT OF AGRICULTURE RURAL UTILITIES SERVICE FINANCIAL AND OPERATING REPORT ELECTRIC DISTRIBUTION		BORROWER DESIGNATION M10037			
INSTRUCTIONS - See help in the online application.		PERIOD ENDED December, 2018			
PART N. LONG-TERM DEBT AND DEBT SERVICE REQUIREMENTS					
No	ITEM	BALANCE END OF YEAR (a)	INTEREST (Billed This Year) (b)	PRINCIPAL (Billed This Year) (c)	TOTAL (Billed This Year) (d)
1	Rural Utilities Service (Excludes RUS - Economic Development Loans)				
2	National Rural Utilities Cooperative Finance Corporation	12,230,979	501,530	1,138,330	1,639,860
3	CoBank, ACB	455,441	52,414	488,342	540,756
4	Federal Financing Bank	31,991,616	881,869	843,836	1,725,705
5	RUS - Economic Development Loans				
6	Payments Unapplied	556,070			
7	Principal Payments Received from Ultimate Recipients of IRP Loans				
8	Principal Payments Received from Ultimate Recipients of REDL Loans				
9	Principal Payments Received from Ultimate Recipients of EE Loans				
	TOTAL	44,121,966	1,435,813	2,470,508	3,906,321

UNITED STATES DEPARTMENT OF AGRICULTURE RURAL UTILITIES SERVICE		BORROWER DESIGNATION MI0037		
FINANCIAL AND OPERATING REPORT ELECTRIC DISTRIBUTION		PERIOD ENDED December, 2018		
INSTRUCTIONS - See help in the online application.				
PART O. POWER REQUIREMENTS DATABASE - ANNUAL SUMMARY				
CLASSIFICATION	CONSUMER SALES & REVENUE DATA	DECEMBER (a)	AVERAGE NO. CONSUMERS SERVED (b)	TOTAL YEAR TO DATE (c)
1. Residential Sales (excluding seasonal)	a. No. Consumers Served	9,103	9,102	
	b. kWh Sold			126,356,857
	c. Revenue			16,056,534
2. Residential Sales - Seasonal	a. No. Consumers Served	2,114	2,097	
	b. kWh Sold			4,956,071
	c. Revenue			1,437,551
3. Irrigation Sales	a. No. Consumers Served	49	49	
	b. kWh Sold			621,388
	c. Revenue			95,615
4. Comm. and Ind. 1000 KVA or Less	a. No. Consumers Served	989	986	
	b. kWh Sold			43,117,266
	c. Revenue			4,470,651
5. Comm. and Ind. Over 1000 KVA	a. No. Consumers Served			
	b. kWh Sold			
	c. Revenue			
6. Public Street & Highway Lighting	a. No. Consumers Served			
	b. kWh Sold			
	c. Revenue			
7. Other Sales to Public Authorities	a. No. Consumers Served			
	b. kWh Sold			
	c. Revenue			
8. Sales for Resale - RUS Borrowers	a. No. Consumers Served			
	b. kWh Sold			
	c. Revenue			
9. Sales for Resale - Other	a. No. Consumers Served			
	b. kWh Sold			
	c. Revenue			
10. Total No. of Consumers (lines 1a thru 9a)		12,255	12,234	
11. Total kWh Sold (lines 1b thru 9b)				175,051,582
12. Total Revenue Received From Sales of Electric Energy (lines 1c thru 9c)				22,060,351
13. Transmission Revenue				0
14. Other Electric Revenue				200,957
15. kWh - Own Use				383,092
16. Total kWh Purchased				189,597,427
17. Total kWh Generated				29,031
18. Cost of Purchases and Generation				10,533,244
19. Interchange - kWh - Net				0
20. Peak - Sum All kW Input (Metered) Non-coincident <input type="checkbox"/> Coincident <input checked="" type="checkbox"/>				34,538

UNITED STATES DEPARTMENT OF AGRICULTURE
RURAL UTILITIES SERVICE

FINANCIAL AND OPERATING REPORT
ELECTRIC DISTRIBUTION

BORROWER DESIGNATION
MI0037

PERIOD ENDED
December, 2018

INSTRUCTIONS - See help in the online application.

PART P. ENERGY EFFICIENCY PROGRAMS

CLASSIFICATION	ADDED THIS YEAR			TOTAL TO DATE		
	No. of Consumers (a)	Amount Invested (b)	Estimated MMBTU Savings (c)	No. of Consumers (d)	Amount Invested (e)	Estimated MMBTU Savings (f)
1. Residential Sales (excluding seasonal)	1,184	273,911	5,496	9,133	1,873,283	20,535
2. Residential Sales - Seasonal						
3. Irrigation Sales						
4. Comm. and Ind. 1000 KVA or Less	9	37,629	1,507	1,604	399,586	5,415
5. Comm. and Ind. Over 1000 KVA						
6. Public Street and Highway Lighting						
7. Other Sales to Public Authorities						
8. Sales for Resale - RUS Borrowers						
9. Sales for Resale - Other						
10. Total	1,193	311,540	7,003	10,737	2,272,869	25,950

RUS Financial and Operating Report Electric Distribution

Revision Date 2014

UNITED STATES DEPARTMENT OF AGRICULTURE RURAL UTILITIES SERVICE FINANCIAL AND OPERATING REPORT ELECTRIC DISTRIBUTION INVESTMENTS, LOAN GUARANTEES AND LOANS	BORROWER DESIGNATION MI0037 PERIOD ENDED December, 2018
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INSTRUCTIONS - Reporting of investments is required by 7 CFR 1717, Subpart N. Investment categories reported on this Part correspond to Balance Sheet items in Part C. Identify all investments in Rural Development with an 'X' in column (e). Both 'Included' and 'Excluded' Investments must be reported. See help in the online application.

PART Q. SECTION I. INVESTMENTS (See Instructions for definitions of Income or Loss)

No	DESCRIPTION (a)	INCLUDED (\$) (b)	EXCLUDED (\$) (c)	INCOME OR LOSS (\$) (d)	RURAL DEVELOPMENT (e)
1	Non-Utility Property (NET)				
	Vacant Lot	12,000			
	Rental Home	86,053			
	Totals	98,053			
2	Investments in Associated Organizations				
	CFC, CoBank Patronage, CTCs		986,027		
	NISC, NRTC, RESCO, Federated	470,366			
	Mbr Cap Sec	150,000			
	TEsC	1,945,906			
	Totals	2,566,272	986,027		
4	Other Investments				
	ERC Loans	100,328			
	Totals	100,328			
5	Special Funds				
	Member Contributions	49,919			
	Deferred Revenue	150,000			
	Commercial Paper	160,000			
	Billed Power Supply Over Recovery	221,788			
	Totals	581,707			
6	Cash - General				
	General Fund	89,810			
	Totals	89,810			
9	Accounts and Notes Receivable - NET				
	W/H Billing	165,682			
	A/R Other	583,342			
	Bad Debt Reserve	(499,947)			
	Totals	249,077			
11	TOTAL INVESTMENTS (1 thru 10)	3,685,247	986,027		

UNITED STATES DEPARTMENT OF AGRICULTURE RURAL UTILITIES SERVICE FINANCIAL AND OPERATING REPORT ELECTRIC DISTRIBUTION INVESTMENTS, LOAN GUARANTEES AND LOANS	BORROWER DESIGNATION MI0037
	PERIOD ENDED December, 2018

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PART Q. SECTION II. LOAN GUARANTEES

No	ORGANIZATION (a)	MATURITY DATE (b)	ORIGINAL AMOUNT (\$) (c)	LOAN BALANCE (\$) (d)	RURAL DEVELOPMENT (e)
	TOTAL				
	TOTAL (Included Loan Guarantees Only)				

UNITED STATES DEPARTMENT OF AGRICULTURE RURAL UTILITIES SERVICE FINANCIAL AND OPERATING REPORT ELECTRIC DISTRIBUTION INVESTMENTS, LOAN GUARANTEES AND LOANS	BORROWER DESIGNATION MI0037
	PERIOD ENDED December, 2018

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SECTION III. RATIO

RATIO OF INVESTMENTS AND LOAN GUARANTEES TO UTILITY PLANT [Total of Included Investments (Section I, 11b) and Loan Guarantees - Loan Balance (Section II, 5d) to Total Utility Plant (Line 3, Part C) of this report]	3.69 %
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SECTION IV. LOANS

No	ORGANIZATION (a)	MATURITY DATE (b)	ORIGINAL AMOUNT (\$) (c)	LOAN BALANCE (\$) (d)	RURAL DEVELOPMENT (e)
	TOTAL				

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UNITED STATES DEPARTMENT OF AGRICULTURE
RURAL UTILITIES SERVICE

BORROWER DESIGNATION MI0037

FINANCIAL AND OPERATING REPORT
ELECTRIC POWER SUPPLY

PERIOD ENDED December, 2018 (Prepared with Audited Data)

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BORROWER NAME Thumb Electric Cooperative of Michigan

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Dallas Bran

3-25-19
DATE

reUNITED STATES DEPARTMENT OF AGRICULTURE RURAL UTILITIES SERVICE		BORROWER DESIGNATION MI0037		
FINANCIAL AND OPERATING REPORT ELECTRIC POWER SUPPLY PART C - SOURCES AND DISTRIBUTION OF ENERGY		PERIOD ENDED December, 2018		
INSTRUCTIONS - See help in the online application.				
SOURCES OF ENERGY (a)	NO. OF PLANTS (b)	CAPACITY (kW) (c)	NET ENERGY RECIEVED BY SYSTEM (MWh) (d)	COST (S) (e)
Generated in Own Plant (Details on Parts D, E, F IC, FCC, and G)				
1. Fossil Steam	0	0	0	0
2. Nuclear	0	0	0	0
3. Hydro	0	0	0	0
4. Combined Cycle	0	0	0	0
5. Internal Combustion	2	21,913	709	131,900
6. Other				
7. Total in Own Plant (1 thru 6)	2	21,913	709	131,900
Purchased Power				
8. Total Purchased Power			0	0
Interchanged Power				
9. Received Into System (Gross)				
10. Delivered Out of System (Gross)				
11. Net Interchange (9 - 10)				
Transmission For or By Others - (Wheeling)				
12. Received Into System				
13. Delivered Out of System				
14. Net Energy Wheeled (12 - 13)				
15. Total Energy Available for Sale (7 + 8 + 11 + 14)			709	
Distribution of Energy				
16. Total Sales			0	
17. Energy Furnished to Others Without Charge				
18. Energy Used by Borrower (Excluding Station Use)				
19. Total Energy Accounted For (16 thru 18)			0	
Losses				
20. Energy Losses - MWh (15 - 19)			709	
21. Energy Losses - Percentage ((20 / 15) * 100)			100.00 %	

RUS Financial and Operating Report Electric Power Supply – Part C - Sources and Distribution of Energy

Revision Date 2013

UNITED STATES DEPARTMENT OF AGRICULTURE RURAL UTILITIES SERVICE FINANCIAL AND OPERATING REPORT ELECTRIC POWER SUPPLY PART F IC - INTERNAL COMBUSTION PLANT	BORROWER DESIGNATION MI0037
	PLANT Caro
	PERIOD ENDED December, 2018

INSTRUCTIONS - See help in the online application.

SECTION A. INTERNAL COMBUSTION GENERATING UNITS

NO.	UNIT NO. (a)	SIZE (kW) (b)	FUEL CONSUMPTION				OPERATING HOURS				GROSS GENER. (MWh) (k)	BTU PER kWh (l)
			OIL (1000 Gals.) (c)	GAS (1000 C.F.) (d)	OTHER (e)	TOTAL (f)	IN SERVICE (g)	ON STANDBY (h)	OUT OF SERVICE SCHED. (i)	UNSCH. (j)		
1.	1	1,313	.11				1	8,759			1	
2.	2	1,313	.10				1	8,759			1	
3.	3	1,313	.05				1	8,759			1	
4.	4	1,550	.12				1	8,759			0	
5.	5	2,000	.14				1	8,759			2	
6.	Total	9,489	.67	0.00	0.00		6	52,554	0	0	6	
7.	Average BTU		139,507.46				Station Service (MWh)				(388.40)	16,115.52
8.	Total BTU (10 ⁶)		93.47			93.47	Net Generation (MWh)				394.20	
9.	Total Del. Cost (\$)						Station Service % of Gross				(6,696.55)	237.11

SECTION B. LABOR REPORT

NO.	ITEM	VALUE	NO.	ITEM	VALUE
1.	No. Employees Full Time (Include Superintendent)	1	5.	Maintenance Plant Payroll (\$)	734
2.	No. Employees Part Time	0	6.	Other Accounts Plant Payroll (\$)	85,864
3.	Total Employee Hours Worked	2,222	7.	Total Plant Payroll (\$)	88,662
4.	Operating Plant Payroll (\$)	2,064			

SECTION C. FACTORS & MAXIMUM DEMAND

NO.	ITEM	VALUE
1.	Load Factor (%)	0.00%
2.	Plant Factor (%)	0.01%
3.	Running Plant Capacity Factor (%)	61.12%
4.	15 Min. Gross Max. Demand (kW)	
5.	Indicated Gross Max. Demand (kW)	

SECTION D. COST OF NET ENERGY GENERATED

NO.	PRODUCTION EXPENSE	ACCOUNT NUMBER	AMOUNT (\$) (a)	MILLS/NET (kWh) (b)	\$/10 ⁶ BTU (c)
1.	Operation, Supervision and Engineering	546	942		
2.	Fuel, Oil	547.1	1,482		
3.	Fuel, Gas	547.2	0		
4.	Fuel, Other	547.3	0		
5.	Energy for Compressed Air	547.4	0	0.00	
6.	Fuel SubTotal (2 thru 5)	547	1,482	3.76	
7.	Generation Expenses	548	4,189		
8.	Miscellaneous Other Power Generation Expenses	549	5,046		
9.	Rents	550	0		
10.	Non-Fuel SubTotal (1 + 7 thru 9)		10,177	25.82	
11.	Operation Expense (6 + 10)		11,659	29.58	
12.	Maintenance, Supervision and Engineering	551	0		
13.	Maintenance of Structures	552	0		
14.	Maintenance of Generating and Electric Plant	553	1,916		
15.	Maintenance of Miscellaneous Other Power Generating Plant	554	885		
16.	Maintenance Expense (12 thru 15)		2,801	7.11	
17.	Total Production Expense (11 + 16)		14,460	36.68	
18.	Depreciation	403.4, 411.10	57,882		
19.	Interest	427	940		
20.	Total Fixed Cost (18 + 19)		58,822	149.22	
21.	Power Cost (17 + 20)		73,282	185.90	

Remarks (including Unscheduled Outages)

UNITED STATES DEPARTMENT OF AGRICULTURE RURAL UTILITIES SERVICE FINANCIAL AND OPERATING REPORT ELECTRIC POWER SUPPLY PART F IC - INTERNAL COMBUSTION PLANT	BORROWER DESIGNATION MI0037 PLANT Caro PERIOD ENDED December, 2018
INSTRUCTIONS - See help in the online application.	

SECTION A. INTERNAL COMBUSTION GENERATING UNITS

NO.	UNIT NO. (a)	SIZE (kW) (b)	FUEL CONSUMPTION				OPERATING HOURS				GROSS GENER.(MWh) (k)	BTU PER kWh (l)
			OIL (1000 Gals.) (c)	GAS (1000 C.F.) (d)	OTHER (e)	TOTAL (f)	IN SERVICE (g)	ON STANDBY (h)	OUT OF SERVICE			
1.	6	2,000	.15				1	8,759			1	
2.												
3.												
4.												
5.												
6.	Total											
7.	Average BTU						Station Service (MWh)					
8.	Total BTU (10 ⁶)						Net Generation (MWh)					
9.	Total Del. Cost (\$)						Station Service % of Gross					

SECTION B. LABOR REPORT

SECTION B. LABOR REPORT					SECTION C. FACTORS & MAXIMUM DEMAND			
NO.	ITEM	VALUE	NO.	ITEM	VALUE	NO.	ITEM	VALUE
1.	No. Employees Full Time (Include Superintendent)		5.	Maintenance Plant Payroll (\$)		1.	Load Factor (%)	
2.	No. Employees Part Time		6.	Other Accounts Plant Payroll (\$)		2.	Plant Factor (%)	
3.	Total Employee Hours Worked		7.	Total Plant Payroll (\$)		3.	Running Plant Capacity Factor (%)	
4.	Operating Plant Payroll (\$)					4.	15 Min. Gross Max. Demand (kW)	
						5.	Indicated Gross Max. Demand (kW)	

SECTION D. COST OF NET ENERGY GENERATED

NO.	PRODUCTION EXPENSE	ACCOUNT NUMBER	AMOUNT (\$) (a)	MILLS/NET (kWh) (b)	S/10 ⁶ BTU (c)
1.	Operation, Supervision and Engineering	546			
2.	Fuel, Oil	547.1			
3.	Fuel, Gas	547.2			
4.	Fuel, Other	547.3			
5.	Energy for Compressed Air	547.4			
6.	Fuel SubTotal (2 thru 5)	547			
7.	Generation Expenses	548			
8.	Miscellaneous Other Power Generation Expenses	549			
9.	Rents	550			
10.	Non-Fuel SubTotal (1 + 7 thru 9)				
11.	Operation Expense (6 + 10)				
12.	Maintenance, Supervision and Engineering	551			
13.	Maintenance of Structures	552			
14.	Maintenance of Generating and Electric Plant	553			
15.	Maintenance of Miscellaneous Other Power Generating Plant	554			
16.	Maintenance Expense (12 thru 15)				
17.	Total Production Expense (11 + 16)				
18.	Depreciation	403.4, 411.10			
19.	Interest	427			
20.	Total Fixed Cost (18 + 19)				
21.	Power Cost (17 + 20)				

Remarks (including Unscheduled Outages)

UNITED STATES DEPARTMENT OF AGRICULTURE RURAL UTILITIES SERVICE FINANCIAL AND OPERATING REPORT ELECTRIC POWER SUPPLY PART F IC - INTERNAL COMBUSTION PLANT	BORROWER DESIGNATION MI0037
	PLANT Ubyly
	PERIOD ENDED December, 2018

INSTRUCTIONS - See help in the online application.

SECTION A. INTERNAL COMBUSTION GENERATING UNITS

NO.	UNIT NO. (a)	SIZE (kW) (b)	FUEL CONSUMPTION				OPERATING HOURS				GROSS GENER.(MWh) (k)	BTU PER kWh (l)
			OIL (1000 Gals.) (c)	GAS (1000 C.F.) (d)	OTHER (e)	TOTAL (f)	IN SERVICE (g)	ON STANDBY (h)	OUT OF SERVICE SCHED. (i)	UNSCH. (j)		
1.	1	630	.09				1	8,759			1	
2.	2	736	.10				1	8,759			1	
3.	3	736	.12				1	8,759			1	
4.	4	980	.13				1	8,759			1	
5.	5	1,550	.17				2	8,758			2	
6.	Total	12,424	1.32	96.74	0.00		18	78,822	0	0	23	
7.	Average BTU		139,500.00	17,567.50			Station Service (MWh)				(291.50)	80,842.06
8.	Total BTU (10 ⁶)		184.14	1,699.48		1,883.62	Net Generation (MWh)				314.80	
9.	Total Del. Cost (\$)						Station Service % of Gross				(1,251.07)	5,983.55

SECTION B. LABOR REPORT

NO.	ITEM	VALUE	NO.	ITEM	VALUE	NO.	ITEM	VALUE
1.	No. Employees Full Time (Include Superintendent)	2	5.	Maintenance Plant Payroll (\$)	3,507	1.	Load Factor (%)	0.00%
2.	No. Employees Part Time	0	6.	Other Accounts Plant Payroll (\$)	153,084	2.	Plant Factor (%)	0.02%
3.	Total Employee Hours Worked	4,398	7.	Total Plant Payroll (\$)	162,922	3.	Running Plant Capacity Factor (%)	79.50%
4.	Operating Plant Payroll (\$)	6,331				4.	15 Min. Gross Max. Demand (kW)	
						5.	Indicated Gross Max. Demand (kW)	

SECTION D. COST OF NET ENERGY GENERATED

NO.	PRODUCTION EXPENSE	ACCOUNT NUMBER	AMOUNT (\$) (a)	MILLS/NET (kWh) (b)	\$/10 ⁶ BTU (c)
1.	Operation, Supervision and Engineering	546	5,826		
2.	Fuel, Oil	547.1	2,810		15.26
3.	Fuel, Gas	547.2	642		.37
4.	Fuel, Other	547.3	0		0.00
5.	Energy for Compressed Air	547.4	0	0.00	
6.	Fuel SubTotal (2 thru 5)	547	3,452	10.96	1.83
7.	Generation Expenses	548	6,460		
8.	Miscellaneous Other Power Generation Expenses	549	7,701		
9.	Rents	550	0		
10.	Non-Fuel SubTotal (1 + 7 thru 9)		19,987	63.49	
11.	Operation Expense (6 + 10)		23,439	74.45	
12.	Maintenance, Supervision and Engineering	551	0		
13.	Maintenance of Structures	552	4,896		
14.	Maintenance of Generating and Electric Plant	553	942		
15.	Maintenance of Miscellaneous Other Power Generating Plant	554	5,543		
16.	Maintenance Expense (12 thru 15)		11,381	36.15	
17.	Total Production Expense (11 + 16)		34,820	110.60	
18.	Depreciation	403.4, 411.10	21,914		
19.	Interest	427	1,884		
20.	Total Fixed Cost (18 + 19)		23,798	75.59	
21.	Power Cost (17 + 20)		58,618	186.20	

Remarks (including Unscheduled Outages)

FINANCIAL AND OPERATING REPORT
ELECTRIC POWER SUPPLY
PART F IC - INTERNAL COMBUSTION PLANT

BORROWER DESIGNATION
MI0037

PLANT
Ubyly

PERIOD ENDED
December, 2018

INSTRUCTIONS - See help in the online application.

SECTION A. INTERNAL COMBUSTION GENERATING UNITS

NO.	UNIT NO. (a)	SIZE (kW) (b)	FUEL CONSUMPTION				OPERATING HOURS				GROSS GENER.(MWh) (k)	BTU PER kWh (l)
			OIL (1000 Gals.) (c)	GAS (1000 C.F.) (d)	OTHER (e)	TOTAL (f)	IN SERVICE (g)	ON STANDBY (h)	OUT OF SERVICE SCHED. (i)	UNSCH. (j)		
1.	6	1,542	.12	30.22			3	8,757				3
2.	7	2,500	.25				2	8,758				5
3.	8	2,250	.11	45.70			4	8,756				6
4.	9	1,500	.23	20.82			3	8,757				4
5.												
6.	Total											
7.	Average BTU						Station Service (MWh)					
8.	Total BTU (10 ⁶)						Net Generation (MWh)					
9.	Total Del. Cost (\$)						Station Service % of Gross					

SECTION B. LABOR REPORT

SECTION B. LABOR REPORT			SECTION C. FACTORS & MAXIMUM DEMAND		
NO.	ITEM	VALUE	NO.	ITEM	VALUE
1.	No. Employees Full Time (Include Superintendent)		5.	Maintenance Plant Payroll (\$)	
2.	No. Employees Part Time		6.	Other Accounts Plant Payroll (\$)	
3.	Total Employee Hours Worked		7.	Total Plant Payroll (\$)	
4.	Operating Plant Payroll (\$)				
			1.	Load Factor (%)	
			2.	Plant Factor (%)	
			3.	Running Plant Capacity Factor (%)	
			4.	15 Min. Gross Max. Demand (kW)	
			5.	Indicated Gross Max. Demand (kW)	

SECTION D. COST OF NET ENERGY GENERATED

NO.	PRODUCTION EXPENSE	ACCOUNT NUMBER	AMOUNT (\$) (a)	MILLS/NET (kWh) (b)	\$/10 ⁶ BTU (c)
1.	Operation, Supervision and Engineering	546			
2.	Fuel, Oil	547.1			
3.	Fuel, Gas	547.2			
4.	Fuel, Other	547.3			
5.	Energy for Compressed Air	547.4			
6.	Fuel SubTotal (2 thru 5)	547			
7.	Generation Expenses	548			
8.	Miscellaneous Other Power Generation Expenses	549			
9.	Rents	550			
10.	Non-Fuel SubTotal (1 + 7 thru 9)				
11.	Operation Expense (6 + 10)				
12.	Maintenance, Supervision and Engineering	551			
13.	Maintenance of Structures	552			
14.	Maintenance of Generating and Electric Plant	553			
15.	Maintenance of Miscellaneous Other Power Generating Plant	554			
16.	Maintenance Expense (12 thru 15)				
17.	Total Production Expense (11 + 16)				
18.	Depreciation	403.4, 411.10			
19.	Interest	427			
20.	Total Fixed Cost (18 + 19)				
21.	Power Cost (17 + 20)				

Remarks (including Unscheduled Outages)